

FIG. 1

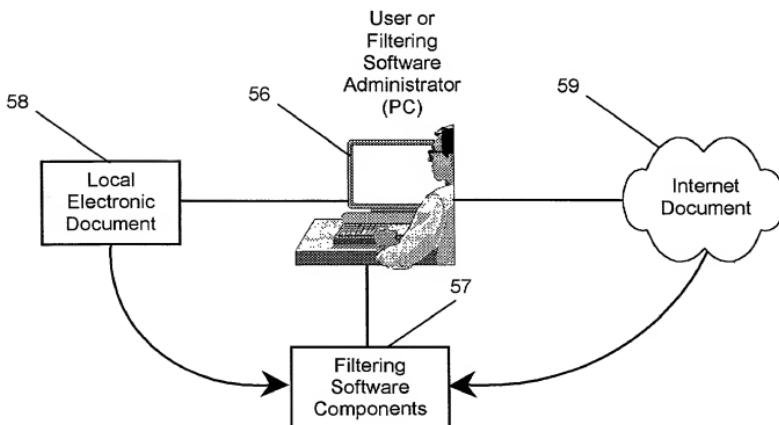


FIG. 2

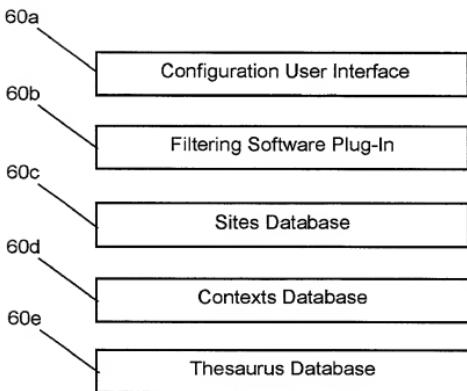


FIG. 3

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Sites	Category	Permission
www.playboy.com	Web site	Restrict
alt.sex	Newsgroup	Restrict
www.whitehouse.com	Web site	Restrict
www.penthouse.com	Web site	Restrict
www.filmwizards.com	Web site	Restrict
www.whitepride.com	Web site	Restrict
chat.yahoo.com	Chat room	Restrict

FIG. 4

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Contexts	Permission
pornography	Restrict
violence	Restrict
drugs	Restrict
racism	Restrict
child abuse	Restrict
murder	Restrict
gang	Restrict

FIG. 5

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Word	Contexts
apple	computer, hardware, software, laptop, servers, PowerBook, iMac, iBook, ClarisWorks, AppleWorks, PowerMac, Steve Jobs, acquisitions, alliances, New York Times, TheStreet.com, Adam's apple, Fruit, New York, Computer, Red, Green, Delicious, Apple Custard, Apple Sauce, Crab Apple, Apple Butter, Apple Pie, Apple chips, Apple juice, Apple cider, industry analysis, price, volume movement
attack	violence, sports, heart, war, game, illness, chemical, agent
movie	fun, film, cinema, cinematics, cinematograph, feature, flick, motion picture, moving picture, photoplay, screenplay, show, silent, silver screen, talkie, talking picture, videotape, theater, entertainment

FIG. 6

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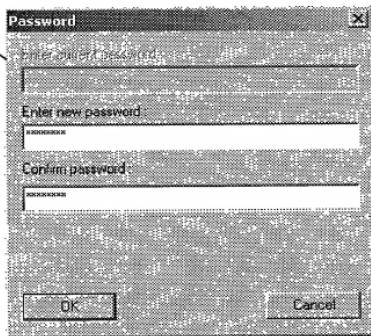


FIG. 7

00000000000000000000000000000000

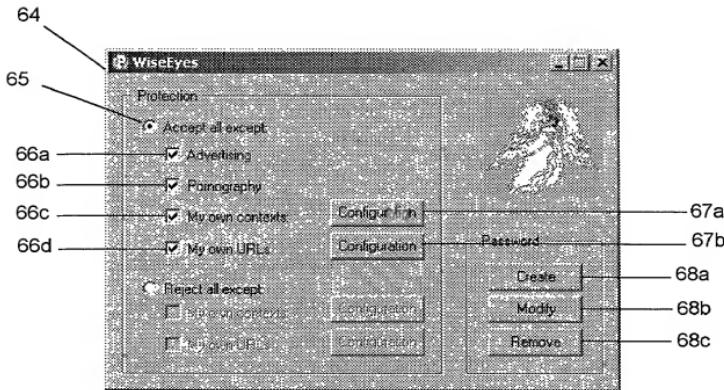


FIG. 8A

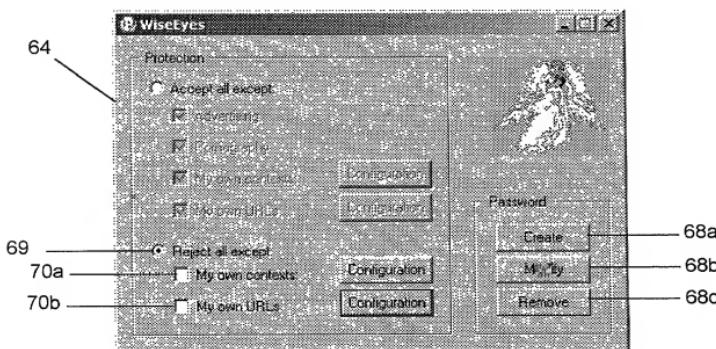


FIG. 8B

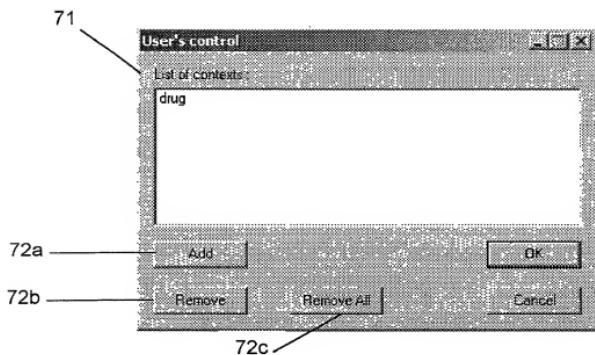


FIG. 9

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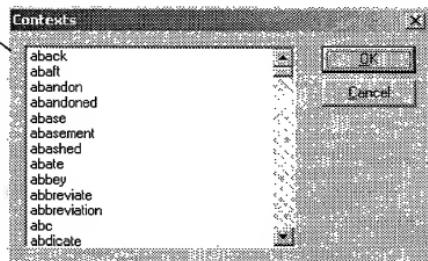


FIG. 10

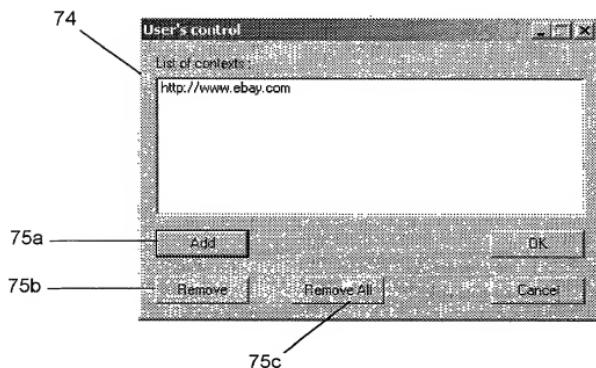


FIG. 11

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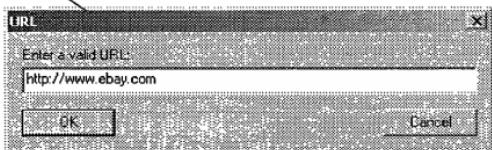


FIG. 12

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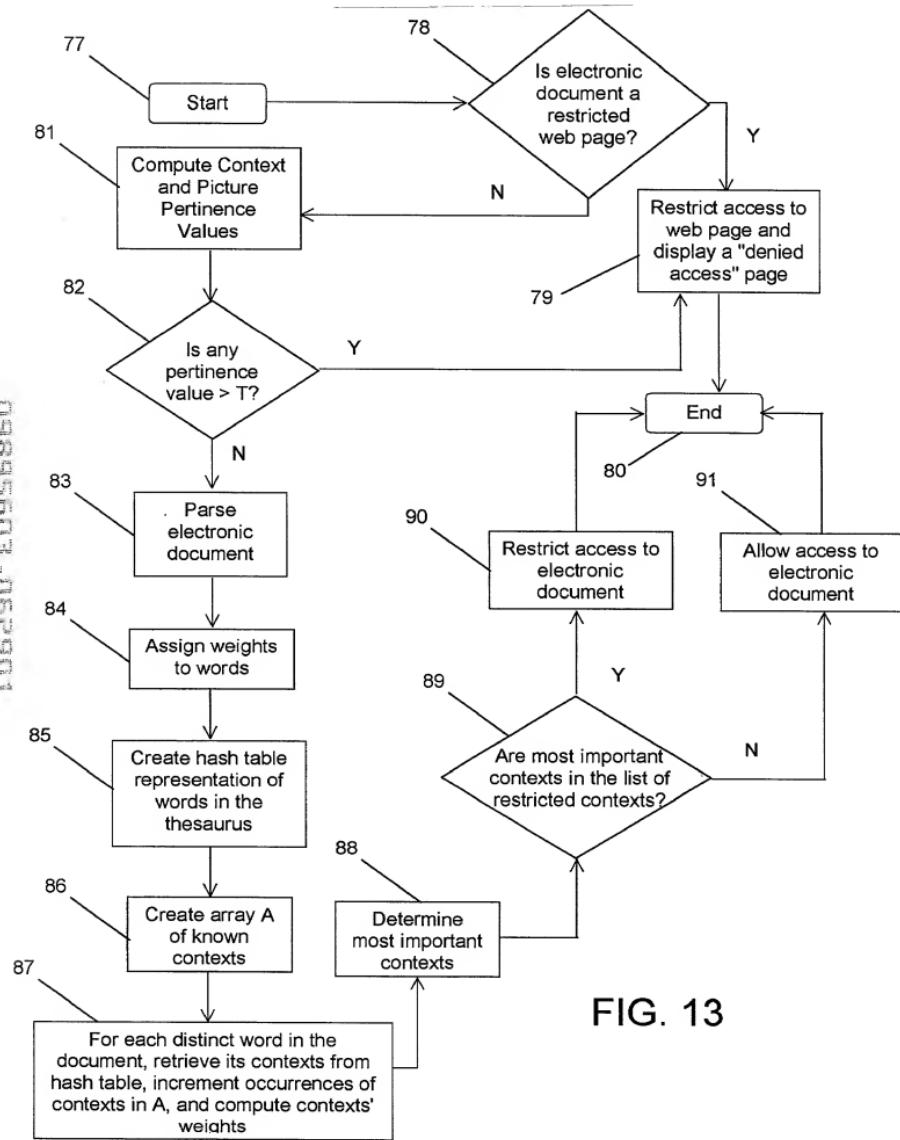


FIG. 13

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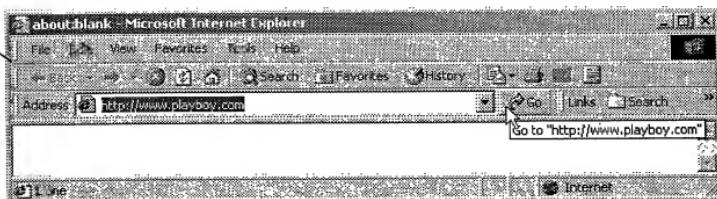


FIG. 14

10059863 - 062901

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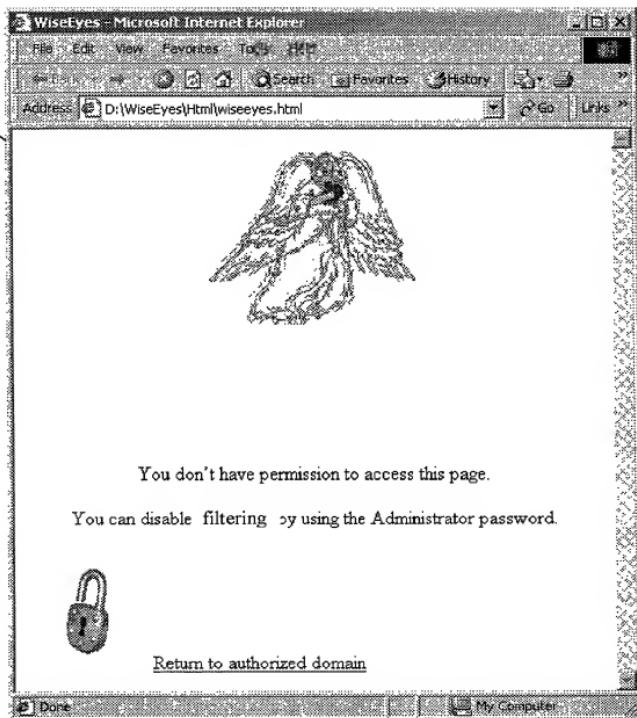
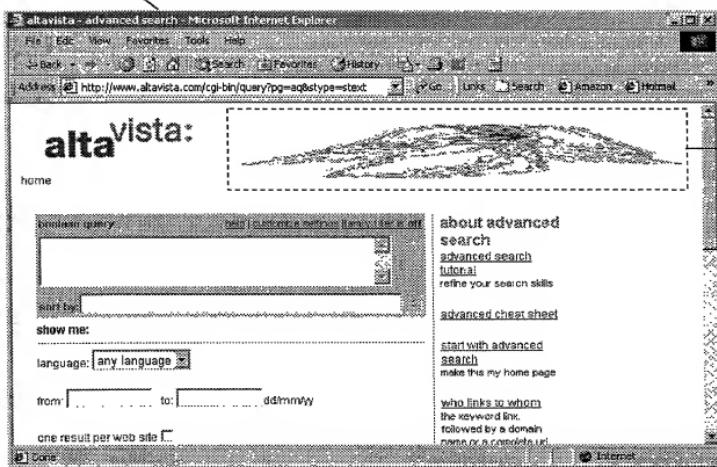


FIG. 15

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FIG. 16

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Breast Cancer Symptoms

Early ~~breast~~ cancer usually does not cause ~~pain~~. In fact, when ~~breast~~ cancer first develops, there may be no ~~symptoms~~ at all. But as the ~~cancer~~ grows, it can cause changes that women should watch for:

- A ~~lump~~ or thickening in or near the ~~breast~~ or in the underarm area.
- A change in the size or shape of the ~~breast~~
- A discharge from the ~~nipple~~
- A change in the color or feel of the skin of the ~~breast~~ ~~areola~~, or ~~nipple~~ (dimpled, puckered, or scaly).

A woman should see her ~~doctor~~ if she notices any of these changes. Most often, they are not ~~cancer~~, but only a ~~doctor~~ can tell for sure.

FIG. 17

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Word	Context Vector	Weight Vector
breast	(mammary,glands,nipple,cancer)	(1,1,4,10)
cancer	(disease,doctor,breast cancer)	(1,2,5)
doctor	(physician,hospital,patient,disease)	(1,1,1,1)
symptoms	(disease,doctor,patient)	(1,1,1)

FIG. 18